Electronic Access Conference

2002

XML ISIR

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XML ISIR

- Common Record
- XML
- Standards
- ISIR
- Questions

XML: The Technology Solution

- XML is the **standard language** of e-business and the internet

- XML lets the industry **describe virtually any type of data** and deliver it across a network

- **XML** would allow for **easy inclusion** of other student financial resource data (FFEL, ISIR, State Grant, etc.)

- XML is **future-oriented**

XML Example

```
<Student SSN="299999999" BirthDate="1979-02-03" NameLast="Student">
    <Identifiers>
            <DriversLicense>
                <DriversLicenseState>IN</DriversLicenseState>
                <DriversLicenseNumber>DL222222</DriversLicenseNumber>
            </DriversLicense>
            </Identifiers>
            <BirthDate>1979-02-03</BirthDate>
            <Name>
                        <NameFirst>Sally</NameFirst>
                        <NameMiddle>A</NameMiddle>
                        <NameLast>Student</NameLast>
            </Name>
            <Contacts>
                <Address>
                        <AddressFormatIndicator>false</AddressFormatIndicator>
                        <AddressTypeCode>P</AddressTypeCode>
                        <AddressLine>417 Hapler Road</AddressLine>
                        <AddressCity>Fort Wayne</AddressCity>
                        <AddressStateProvinceCode>IN</AddressStateProvinceCode>
                        <AddressPostalCode>46807</AddressPostalCode>
                        <AddressCounty>Allen</AddressCounty>
                        <AddressCountryCode>USA</AddressCountryCode>
                </Address>
                <PhoneNumber>2197999999</PhoneNumber>
                <EmailAddress>sally.a.student@email.net</EmailAddress>
            </Contacts>
            <CitizenshipStatusCode>1</CitizenshipStatusCode>
            <NoteMessage>PID=221784902</NoteMessage>
```
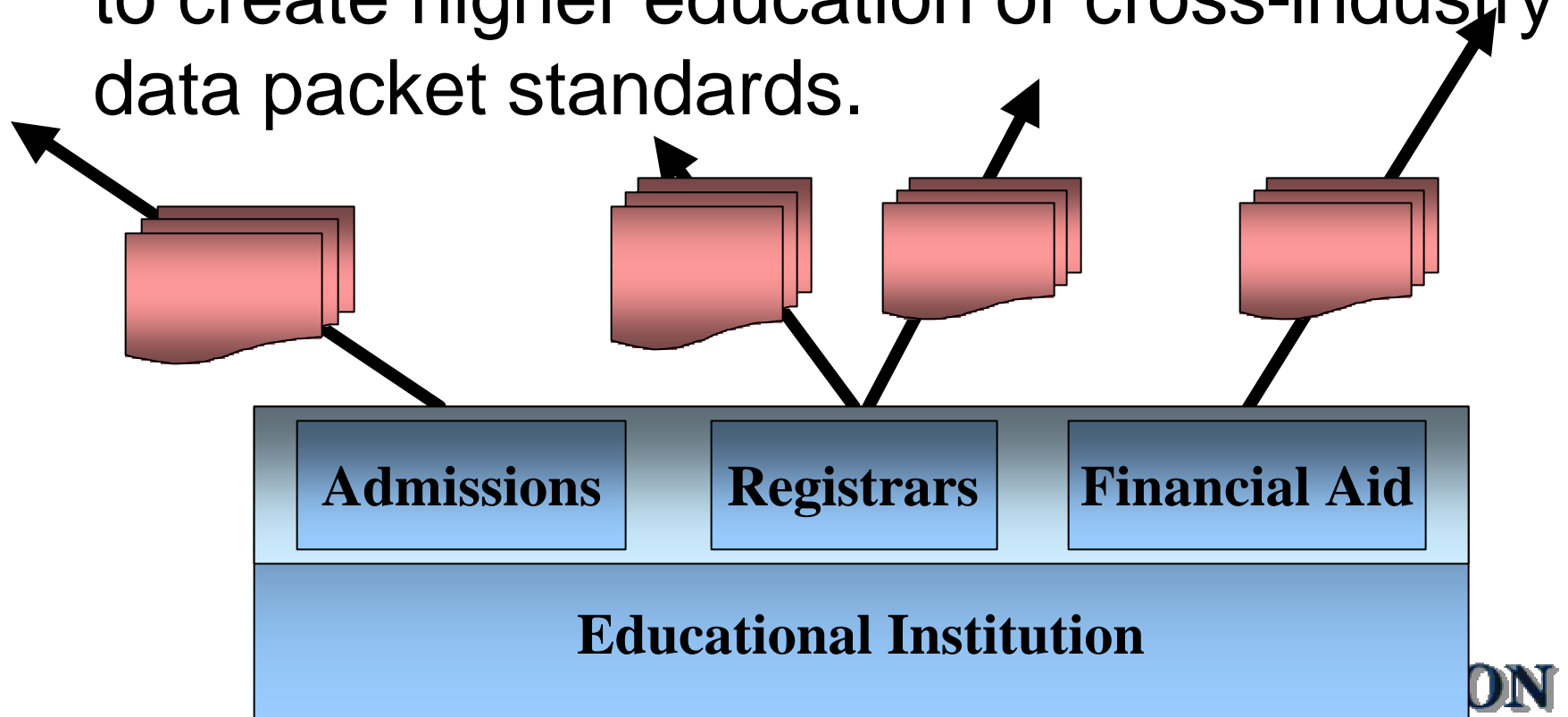
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Common Record Expansion

- ORIGINAL VISION: Use XML Technology to create financial aid data packet standards.
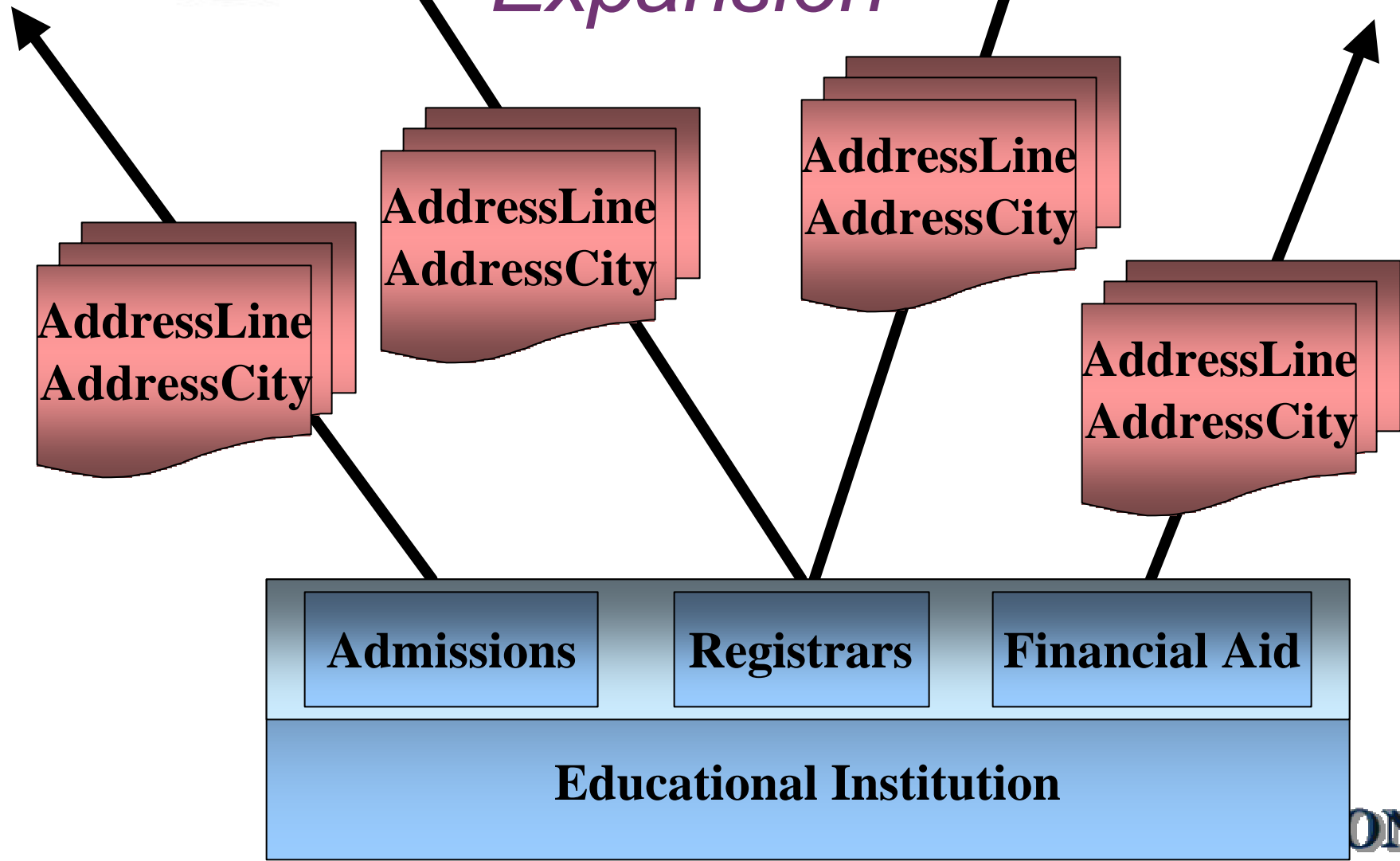

ISIR

FFEL

PELL

DL

Financial Aid Office
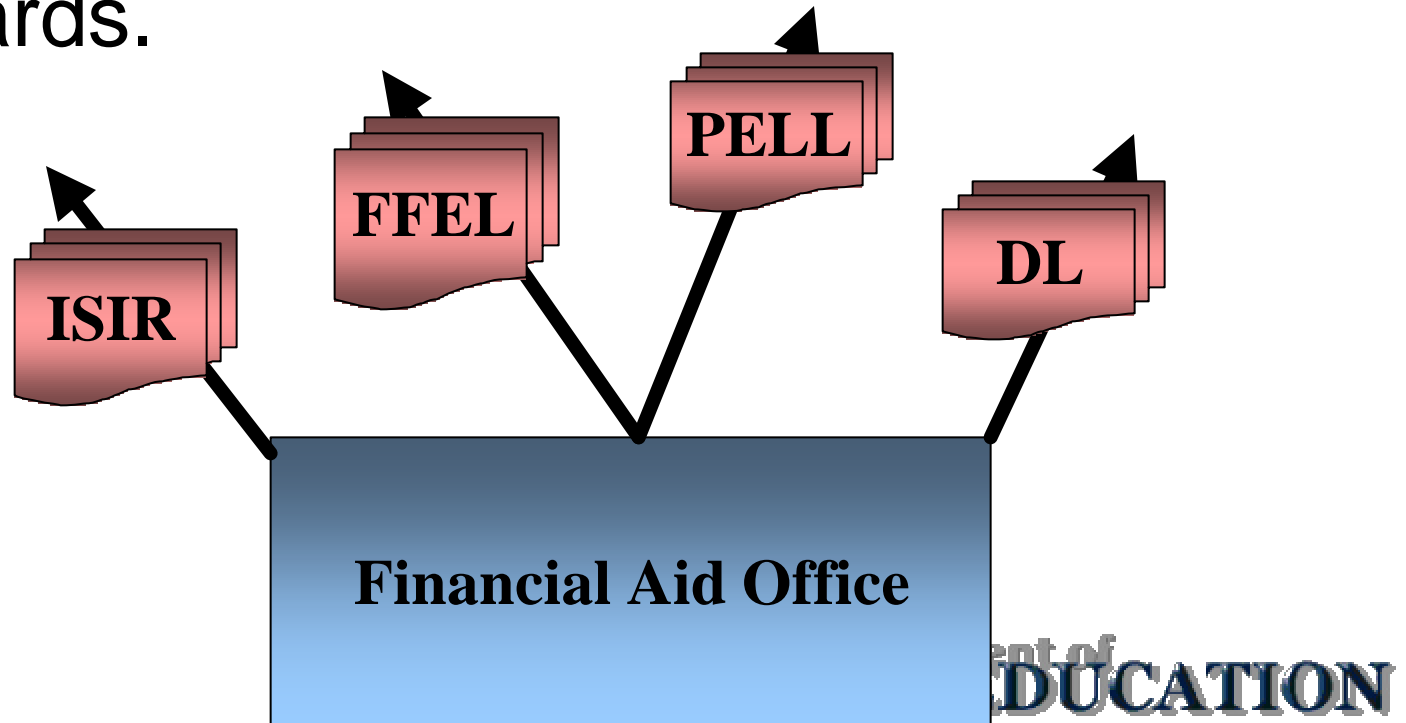
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Common Record Expansion

- REVISED VISION: Use XML Technology to create higher education or cross-industry data packet standards.

Admissions

Registrars

Financial Aid

Educational Institution

Common Record Expansion

AddressLine
AddressCity

AddressLine
AddressCity

AddressLine
AddressCity

AddressLine
AddressCity

| Admissions | Registrars | Financial Aid |

Educational Institution

Common Record Expansion Convergence of Standards

| Common Record | Common Line | Meteor | ASC X12 EDI |

Financial Aid Core Components

Admissions/ Registrar Core Components

ebXML

XML Forum Core Components

Common Record Expansion

```
                    ┌─────────────────┐
                    │      Core       │
    ┌──────────┐ ◄──│  Components     │──► ┌──────────┐
    │  Sector  │    │ Data Dictionary │    │  Sector  │
    │ Library  │    └─────────────────┘    │ Library  │
    └──────────┘            │              └──────────┘
       ╱    ╲               ▼                    │
┌──────────┐ ┌──────────┐ ┌──────────┐          ▼
│Application│ │Application│ │  Sector  │   ┌──────────┐
│  Schema  │ │  Schema  │ │ Library  │    │Application│
└──────────┘ └──────────┘ └──────────┘    │  Schema  │
                    ╱    │    ╲            └──────────┘
          ┌──────────┐┌──────────┐┌──────────┐
          │Application││Application││Application│
          │  Schema  ││  Schema  ││  Schema  │
          └──────────┘└──────────┘└──────────┘
```
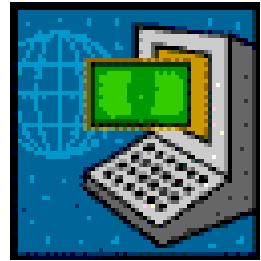
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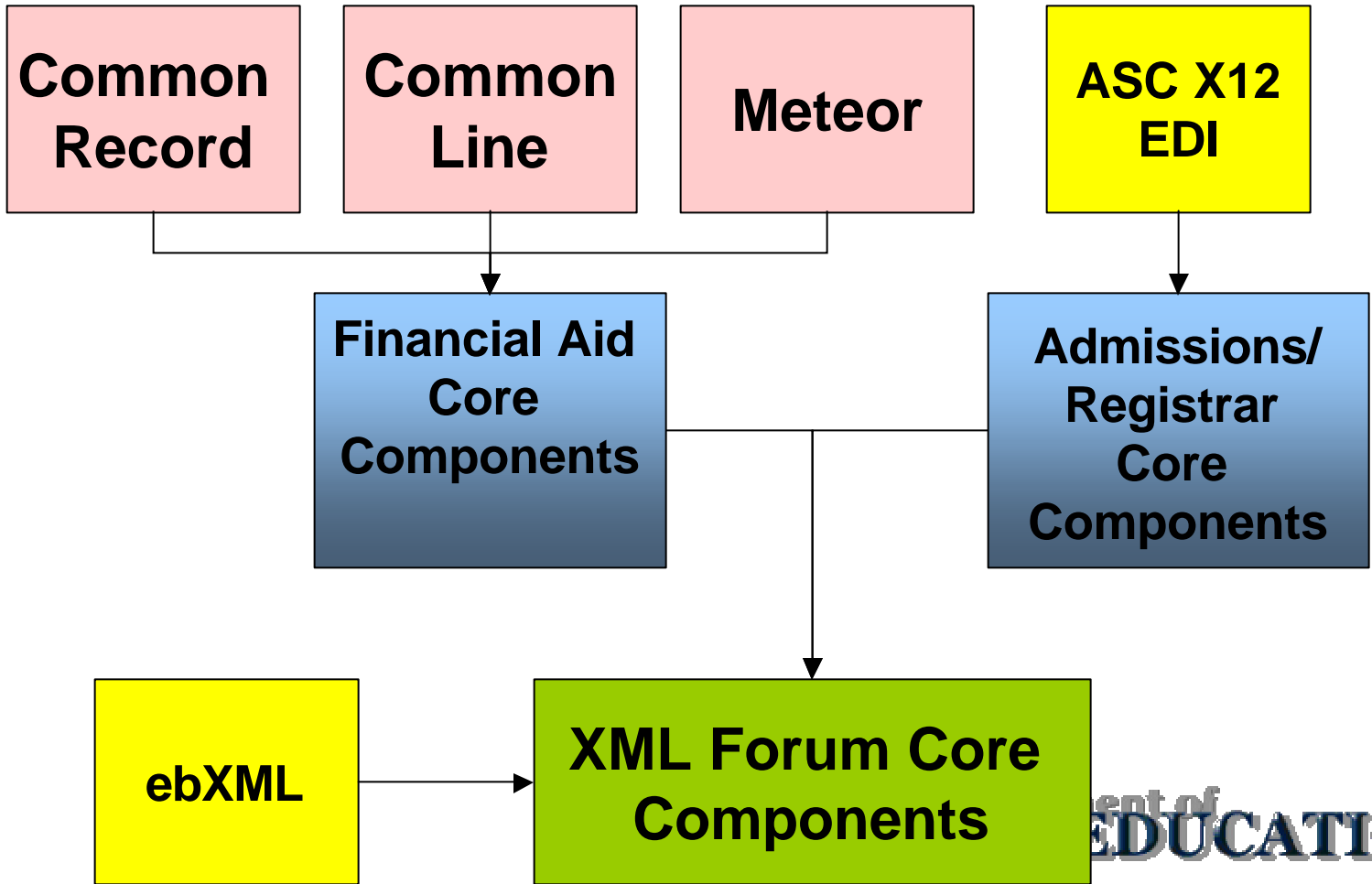
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Next Steps for FSA

Using XML and Developing Standards will:

- **Simplify business process and technology for Schools**
- **Map data to business processes**
- **Utilize open technology supporting future enhancements**

ISIR Institutional Student Information Record	COD Common Origination And Disbursement	NSLDS National Student Loan Data System
Award Year 2004-05 Phase-in process for schools to be determined	Award Year 2002-03 50 Schools Award Year 2003-04 1,000 or more *FFEL Expansion Implementation 2004-2005 Award Year 2004-05 All Schools	Schedule and Phase-in process for the Lending Community and Schools to be determined

* Effort led by FFELP

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Comments, Questions, Feedback, and Contact Information

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1) The decision has been made to provide the ISIR in both the flat file and XML for 04-05. How many are planning on using an XML ISIR for 04-05? At some point in time, the flat file will be eliminated. How would it impact you if we eliminated that flat file in 05-06?

2) What are you doing at your institution to prepare for XML? Are you aware that XML files are larger when used in batch?

3) How many use the ISIR Year-to-Date?

   What are some reasons you use the YTD?

4) Is there any data on the ISIR that you don't use?

5) Are you using XML for other things in your institution? Is so, for what processes?

6) What is the best avenue for us to keep you informed about this project?

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